

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: john andrews <jm165723@eee.org>
Subject: [3308] 10.7 Green Core i.f.'s
Message-ID: <3224DE87.5360@eee.org>

Hi All:

Just a reminder that all green core i.f. transformers are not the same.

Those marked 42IF128(green core 10.7 mHz if) has a primary tap that is "low" and will work with such projects as the "Neophyte" and the NW8020. The tap on the 42IF123 is "high" and requires a change in the circuit to allow for this. The Neophyte uses no tap and either will work.

I have not gotten a Mouser catalog in a while but they did not show the '128 and only the '123 when last I looked.

Just wanted you to be informed....

72, John

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Dennis Zeares K3ETS <wzeares@post.smu.smu>
Subject: [3309] 14.060 is Useless!; where do we do?
Message-ID: <1.5.4.16.19960828204857.22a72366@post.smu.edu>

Every time I go to 20M and 14.060 the freq is useless!!! Digital stuff is there---everytime!!! Now what??? What freq. are all of you 20M qrp types using as a calling freq.??? I have noticed this trend for many months. I have even posted previously about this trend. These people know full well what they are doing and they have "claimed" 14060 as there freq. So now what? I assume we will move to 14061 +/- . Any advise would be appreciated. Kinda wants to make you go QRO in the extra portion! Is there anything we can do to "re-claim" 14060???

Tnx, 72/73 Dennis K3ETS, Dallas, Home of K5FO

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Bill Acito 28-Aug-1996 0915 <acito@asdg.ENET.dec.com>
Subject: [3273] Autek RF Analyst Fix, from the archives
Message-ID: <9608281317.AA11711@us1rmc.bb.dec.com>

Sometime it pays to be a packrat...

I've also seen my Autek trip on while in the box; if that's not the issue, you may want to review this.

b

[snip]

From: CRL::"rboggs@pcc-uky.campus.mci.net" "MAIL-11 Daemon" 21-DEC-1995 18:14:33.97
To: Multiple recipients of list <qrp-l@lehigh.edu>
CC:
Subj: Autek RF Analyst Fix

For owners having intermittent power-up problems with the RF Analyst, as I had a few days ago, the engineer at Autek provided me with just the fix without having to mail it to them and spend \$31.00.

The problem is that one of the pins on the board is too long when plugged into the connector and exerting pressure on something that shorts out the power. Even he wasn't sure what really happens, but advised that they had several calls about this symptom. It will act like a shorted battery connector or defective on/off switch.

The row of pins is located next to one end of the two halves of the RF Analyst; the offending pin is the farthest one from that edge. The fix involves cutting off JUST about 1/32-1/16 of an inch off the tip to prevent it from protruding too far into the connector on the opposing half. I did this to mine and presto, instant on and no more problems yet.

Not clear? Well you have to take the thing apart into two halves to understand (after taking off knobs). I'm no EE but drop me a line if any more questions. Hope this is of some help; saved me \$31!!

73, Roy

Roy Boggs KE4KDT QRP-L #322
Prestonsburg, KY rboggs@pcc-uky.campus.mci.net

[end snip]

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [3287] CALL TRIVIA
Message-ID: <9607288412.AA841261396@smtpgw.ccgate.dl.nec.com>

Folks:

Non QRP stuff:

In my internal debate of whether to "buy" a GATE 2 vanity call from the FCC, I was curious about the history of this.

I've always been very interested in the call system and how they're issued.

When was the last time the FCC issued vanity calls? I seem to remember a friend saying he "bought" his 2x1 call in the early to mid-70's. Is this correct? Was that the last and only time they did this?

Maybe somebody can help fill me in on this. I realize it's fairly trivial, however, this really has my curiosity up! Maybe some of you vets can give some call sign history data.

Thanks for your help!

73 de Dave AC5GY

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Dave Bennett <Ishmael@ibm.net>
Subject: [3288] Convert
Message-ID: <32249B1E.4BD3@ibm.net>

Hello All,

An open message from a fickle HAM. I got my ticket almost 10 years ago. At the time I needed a Tech level to do the things I wanted to do. I believe that equates to Tech+ now. Anyway I cussed and swore and eeked

my way through 5 words a minute code and passed. I clearly remember the minute I passed that code test; I swore a solemn oath to never in my lifetime send or receive a single dit of information using such an archaic technology. Famous last words.....

I have always lived in apartments and Condos and so surmised that HF was never a real option anyway. Lo and behold of late I have become intrigued with the concept of QRP and the simplicity and elegance of code. I even downloaded a code practice app and was amazed at how much I remembered and how quickly I was able send and receive 5 words a minute again.

Now my goal is to build a very simple QRP rig such as the 49er and operate it with a straight key and conduct QSO's from my 5th floor condo. This is where I could really use some feedback from the QRP audience. Give it to me straight. Am I dreaming? Can I really expect to produce any kind of satisfying results from the double whammy of very low power and the limited antenna options? I would love to think so, my computer QSO's just aren't as rewarding anymore :>

I would appreciate any comments pro or con. Especially suggestions for overcoming the antenna dilemma.

Thanks,

Dave

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "jose g. damelio" <py2ou@ibm.net>
Subject: [3306] CQC
Message-ID: <199608282306.XAA43866@smtp-gw01.ny.us.ibm.net>

Hi Gang!
Appreciated a lot the CQCcontest despite condx
were very poor and timetable worked only 12 stations.
Final score: 6.148
equipment used: Index QRP+ antennas: 7mhz.2 el.yagi 14,21,28mhz 7 el.

73 DX Joe PY2OU

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996

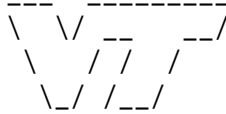
From: pelt@vt.edu (Randy Pelt)
Subject: [3278] Crystal filter programs?
Message-ID: <v01540b00ae49d7cf9594@[198.82.152.40]>

Are there any software programs out there for designing crystal filters??

I would like to build a 500cy cw filter for 9.003Mhz. This critter is going into a Hands TCX-210 I'm building. I have a 250cy filter for this freq and I'd really like another a little wider.

Many Tnx and 72/3

Ranson J. Pelt
pelt@vt.edu
QST de w4wyt Semper Fi
ex-nz4i



From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: k3as@dol.net (Bill Marsh)
Subject: [3283] Delaware QRP
Message-ID: <v01540b02ae4a3ac6a17a@[204.183.91.105]>

K3AS will be calling CQ QRPL at the times and frequencies below:

Aug. 29 2300-2330Z 14.060 +- 5
Aug. 29 2330-2400Z 7.040 +- 5
Aug. 30 0200-0230Z 3.560 +- 5

Worked three stations last week, hope concx better this time. 72 Bill

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996

From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
Subject: [3313] Findlay, Ohio Hamfest - Sept. 8
Message-ID: <199608290223.WAA28158@brutus.bright.net>

The Findlay Ohio Hamfest will be held Sunday Sept. 8 at the Hancock County Fairgrounds in Findlay Ohio. Kanga US and Buckeye Electronics will have three tables at the Hamfest. Buckeye will have the usual line of small parts, and Kanga US will have Kanga Products, Hands Electronics, and KK7B kits available. A working version of the Hands GQ-40 (reviewed in a recent QST "QRP Rig roundup" article and in NA5N's book) will be on display, along with other Hands, Kanga, and KK7B kits. NA5N's book will be available at the special hamfest price of \$17.00

Stop by the table for a chat, or if you have something neat you have built, bring it along and display it at the table. If there is enough gear brought for display, I am sure I can get another table to display it on (one benefit of being on the committee!)

If there is enough interest perhaps we can arrange some other QRP activities. Drop me a note if you are planning on coming.

Buck/Hank - any interest in having an ARCI or MI QRP table at the hamfest?? - I can probably get one gratis.... Let me know soon.

Looking forward to hearing from some of you.

73
73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
<http://qrp.cc.nd.edu/kanga/>

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: rwcreekm@ncsa.uiuc.edu
Subject: [3282] HAM4** Prefix ?
Message-ID: <v01510100ae4995817648@[128.254.136.246]>

Worked a station last night on 30M with HAM4 prefix. What is the origin of this call??

72 Bill KG2DP

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: sigcom@juno.com (Stephen M Smith)
Subject: [3300] Hello de WB6TNL
Message-ID: <19960828.122759.8319.2.sigcom@juno.com>

Hi all. Just "discovered" QRP-L about a week ago. You guys are getting me fired up about getting back on HF. I've always operated QRP, never QRO. Did alot of 40 CW when I was a kid. I built a transmitter into a Sucrets box in 1969. Called it the "Super Duper-X Mini Spy Transmitter". Ran about 1 watt w/12 volts or 600 mw with built in 9 v batt (for a few minutes!) and had a built in microswitch for a key. I still have it around here somewhere. I also built a QRP version of the ARRL Universal Transmatch, I called it the "Universal QRP Mismatch Neutralizer". So, I hope to have something on 40 and 30 soon. Will probably roll my own, but those new kits sure look intriguing. I was thinking about a SBL mixer, W7ZOI type filter, 1350 if amp, 602 bfo. What do you think?

73 & Thanks for the encouragement.

Steve

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: AlexQRP@aol.com
Subject: [3310] Icom HF+6Mtrs for sale
Message-ID: <960828214857_189990195@emout15.mail.aol.com>

I have an Icom 729 HF 160m to 10 m runs 2.75w to 110w with 500hz cw filter. Also runs 1 to 10 watts out on 6m. On a scale of 1 to 10 its a 9. Firm 650 samolies. I will ship to the original 48 colonies. I believe this price is VERY fair.

Also have a qro amp for 6mtrs(I NEVER used it ,really!!) . Mirage 1015. The above radio will drive it to a nice clean 150W out. Like new, 200 bucks, I ship same as above. Thanks for the space, if interested you may respond via direct e-mail or the home telephone is 214+243-3655 Dallas Tx. I generally check out this reflector at least once during the work day.

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [3275] ICOM R7000 or 7100
Message-ID: <199608281344.AA29293@ns-1.csn.net>

Anyone have one of these receivers for sale?

72, Bob KI0G
QBF? ZUE

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: bfollett@ditell.com
Subject: [3281] Kites, Balloons and Antennas
Message-ID: <199608281533.JAA16896@orion.ditell.com>

Gang:

Duane wrote:

<<Hi All we all know what lighting can do. But please tell me is there anything special one should do when using a ballon to fly an antenna. Is there a way to discharge the static electrice safely ? would a small gauge wire help (#20) how about a spark plug hooked to the wire to bleed off the static. I dont know I've never done this but it does sound like fun on a clear day.>>

Ahhhhh, air-gap versus a high value resistor to bleed charge build up. Actually, an Isolation balun, with one end to ground, would be the best ticket, as there is no resistance to neutralization with surrounding grd....

Of course, if you STILL get a lightening strike with a "neutral antenna", you won't even have time to "place your head between your knees and kiss your ...".

73, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett.ditell.com

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: rwcreekm@ncsa.uiuc.edu
Subject: [3277] Mac Software for Ham Radio?
Message-ID: <v01510101ae4976ba3b41@[128.254.136.246]>

Are there any logging programs for the Mac? Anyone using a Mac with their Ham station?

I also have a PC but it is family property and not located in the "shack"!

TNX es 72

Bill KG2DP

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>
Subject: [3272] Many Tnx
Message-ID: <Pine.SGI.3.93.960828090506.6562A-1000000@freenet.npiec.on.ca>

Tnx to all that replied about the Slinky antenna. When I get mine built I will post my findings to the list, for all to see.

Tnx agn.
Jeff

=====
L. Jeffrey Hetherington - VA3JFF
Niagara Falls, Ontario, Canada
Canadian QRP Award - <http://www.geocities.com/Colosseum/2572/QRP.html>
VA3JFF TMS 1996 Qs=020 States=15 Confirmed=07 DX=02
CO CA NY IN SD WI TN GA IL TX DC OH NC SC LA (OZ7 UR4)

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: wk9t@juno.com (Rod Logsdon)
Subject: [3314] MFJ-9020 FS
Message-ID: <19960828.211407.15654.2.wk9t@juno.com>

For Sale MFJ-9020, 20 mtr QRP/CW transciever. \$100.00 + shipping.

I just purchased an OHR-400 so I need to make some room. If interested, please E-mail.

73/72 de Rod ... WK9T Carol Stream(Chicago), IL
Grid: EN-51ww QRP-L # 616 ARS # 153
E-mail: wk9t@juno.com

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: SNickrand@aol.com
Subject: [3266] Need 6146B tubes
Message-ID: <960828000825_395719191@emout15.mail.aol.com>

Anyone have a pair of 6146B tubes you care to part with? I'm fixing an FT-901 I got for nothing. Once I get it operational, I'll be asking how to run it QRP.

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [3290] NW80/20
Message-ID: <01I8T7H3U00I8WWBEG@tntech.edu>

Saw this on Dan's Parts page:

anyone know if they are still available.. are the kits any good?

thanks
72
Jeff, AC4HF

NW80/20 TRANCEIVER KIT: LIMITED OFFER

WE WILL OFFER THE BOARD AND ALL BOARD MOUNTED COMPONENTS, PLUS AIR-VARIABLE AND POTS AND THE 25 PAGE INSTRUCTION MANUAL. INCLUDES RIT KIT AND AUDIO FILTER KIT. PRICE WHILE THEY LAST \$59.95 EA.

AVAILABLE FOR 80, 40, 30, AND 20 METERS. PLEASE SPECIFY WHAT BAND YOU WANT.

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: jbenNETT@ebmud.com
Subject: [3297] Operating in Mexico
Message-ID: <9608281955.AA13199@phantasm>

Has anyone in this group been on the air (QRP or QRO) from Mexico? I'm going there next year and wondered what good things to look forward to or possible bad things to avoid.

72/73, Jim / N6PDX

Jim Bennett (jbennett@ebmud.com)
Supervising Systems Programmer
East Bay Municipal Utility District
Oakland, California
voice: 510.287.0224 / fax: 510.287.0373

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Jack W. Rucker" <jackruc@mail.idt.net>
Subject: [3269] Parts where?/OR trade?
Message-ID: <32240B79.58B0@mail.idt.net>

A QRP Nepali friend is looking for some parts for a XCVR he is building. Does anyone know a source/sources for them? Trade???

Partial quote from a recent letter:

[illegible]

Parts I need and can't get here in Kathmandu, Nepal:

- 1) BFO crystals for 455 KHZ IF (CW.USB/LSB) if inexpensive
- 2) Collins mechanical filters (surplus type) CW & SSB
- 3) 3 or 4 ganged variable capacitor (linear, not logarithmic)
- 4) Varicap diodes

=====

73 de Bob, AA30N

No Code, No HF....Know Code, Know HF!

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Philip Karras <ke3fl@access.digex.net>
Subject: [3286] Slinky Antenna info
Message-ID: <Pine.SUN.3.94.960828134146.5117A-100000@access1.digex.net>

I found "the original SLINKY" at the Cracker Barrel, that's a store/resteraunt here in the southern and eastern half of the US. I don't know if it's throughout the country. Anyway, I calculated that the over all length of the slinky (if completely uncloiled) would be about 19.8 meters. Very close to 20 meters and 20 meters is 1/4 of 80 meters, thus the coil is almost the correct amount of wire for an 80 meter dipole (assuming the use of two slinkys.) For 80 meter use I expect I'll need to add a length of wire but it looks like with a tuner it might work out to be an 80 through 10 meter antenna.

Perhaps taking Jerry's, W1UI, idea we could add some wire to the ends and use this wire to shorten the antenna for each band below 80 meters and extend it fully for 80 meters, and not need a tuner?

I've bought the slinkys, now I just need to find the time to play with this one. Looks like it'll be fun in more ways than one. :)

72 & 73 de KE3FL/Phil
:-)

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: BOB KELLOGG <ae4ic@nr.infi.net>
Subject: [3284] Slinky dipole
Message-ID: <199608281728.NAA16761@mh004.infi.net>

Hi Gang,

I found some of the small diameter (QRP) metal slinkys at the local Cracker Barrel resaurant. I believe they were about \$3 each. Haven't built the antenna yet, but it's on the "to do" list. BTW, the HF station operating at Dayton was using a slinky dipole.

CUL,
Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

AE4IC TMPS 1996 QS=106 States=23 Confirmed=12 DX=33
AL,AZ,CA,CT,FL,GA,IL,KS,LA,MD,MI,MN,MO,NC,NH,NY,OH,PA,TN,TX,WA,WI,WY
DXCC:3B8,9A,DL,EI,EK,F,FG,G,GM,GU,HA,HB,HI,K,LU,LZ,OH,OK,OM,ON,OZ,P4,PA,SH,S
P,TI,UA,UR,VE,XE,YO,YS,YU

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: scott.thomas@circellar.com
Subject: [3307] St. Louis Tuner
Message-ID: <9608281905.0QTIW01@circellar.com>

Well, now that I've finished my tuner kit (and it works with some help from Bob, WA7FCU) I'd like to offer the following advice to those last remaing few who have not put their kits together:

- 1) It's not all that hard, don't be afraid -- even I got it working.
- 2) Put the feet on the bottom before you scratch it up as you slide it across your workbench covered with wires, parts, etc.
- 3) Consider attaching the balun wire over to the far end of the toggle switch on the back panel, and the non-balun output line across to the far side of the switch so the switch lever points to what is active.
- 4) Consider doing the same with the front high/low cap switch and mounting the switch so the lever moves vertically. Perhaps "up" for both caps inline.
- 5) Break that blasted tab off of the 12 position switch so when you tighten it, it doesn't spread and ground the caps to the from panel.
- 6) Put a solder lug on the output so239 before you tighten it and solder the wire over it (in addition to the lug necessary on the bottom center 5 way post, as others have mentioned).
- 7) After you put the meters into the front panel, wrap the bubble-wrap that the meters came in around the front panel, and tape, to cover the meters so you won't scratch them as you complete the kit.

Thank you Norcal/St. Louis QRP for a fun project,
Scott NM1J.

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>

Subject: [3295] stuff
Message-ID: <278C3B12C8@iunhaw1.iun.indiana.edu>

Can someone give me the Far circuit web address? I misplaced the earlier listing when I got on a machine I could not print at.

Who will be at Peoria next month??

Thanks 72 de WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: N2QCE@aol.com
Subject: [3304] TEN TEC SCOUT
Message-ID: <960828183113_511878508@emout18.mail.aol.com>

In a message dated 96-08-27 03:51:31 EDT, k5rov@juno.com wrote:

> I am looking for a Ten Tec Scout,

Does anyone know if this rig still has the reported DRIFT problem the once were famous for? I'd like to get one, too.

- 73 de John N2QCE
E-mail n2qce@aol.com

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Russ1031@aol.com
Subject: [3303] The Accidental Twofer--Spartan Sprints and Michigan Sprint
Message-ID: <960828183036_396284168@emout16.mail.aol.com>

Labor Day could be a wonderful time for QRP radio. It is the regularly scheduled slot for the Spartan Sprints. In addition, it is time for the Michigan QRP Club's Labor Day Sprint.

The two hours for the Spartan Sprints will overlap with the last two hours of the Michigan event. Thus, during this magic time, you could get a lot of action. In zulu terms, the overlap will be from 2100 to 2300 September 3. For dummies like me, the time (on September 2) can be determined from the following table:

Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT.
Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT

It turns out that the exchanges for both contests are compatible. The exchange for the Michigan event is RST, SPC (state, province, or country) and power or Michigan QRP membership number. The exchange for the Spartan Sprints is RST, SPC and power.

If a Spartan Sprinter receives a Michigan membership number instead of power, don't worry! Under the power granted to me as the Adventure Radio Society contest manager and all purpose grunt, I hereby grant you a dispensation.

By way of reminder, here are the rest of the rules for the Spartan Sprints:

1. Use 7040 +- Khz and 14,060 +- Khz (You may operate one or two bands--your choice).
2. Exchange RST, SPC (state, province or country) and power output.
3. If you choose to call CQ, try using "CQ test", which could bag participants in both events.
4. If you are operating under the portable QRP rules, add "/PQ" to your call. (You can find those rules at our web site, <http://members.aol.com/adradio/index.html>)
5. You can take credit for working the same station on a second band.

After the contest, send me an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, antenna tuner, key, keyer and battery). You may also include your comments for the soapbox. If you get that information to me by Tuesday night, I'll include your data in the contest results, which I'll publish on Thursday on the ARS web site and the QRP-L.

72, Russ Carpenter, AA7QU
ARS #1

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: KFGlynn@aol.com
Subject: [3275] Tnx for info on Vanity Callsign Program
Message-ID: <960828101853_395924832@emout18.mail.aol.com>

Hi gang,

Wanted to thank all those who helped me out with info on the Vanity callsign program.

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: nskousen@scientechn.com (Niel Skousen)
Subject: [3280] Tv1
Message-ID: <v02140b04ae4a12818f50@[198.60.91.132]>

I will be in Port Jerome near La Harve (sp?) from 9/4 - 9/13. Anything / Anyone I ought to see, meet, etc while there ??

TNX Niel

Niel Skousen, SCIENTECH Special Projects nskousen@scientechn.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Mike Robinson <miker@cc.com>
Subject: [3279] Vanity Calls
Message-ID: <9608281507.AA02792@voder.nsc.com>

Just a reminder. I have the list of unused
1x2's and 2x1's available. You can get them
from my home page or I'll e-mail them directly
to you if don't have web access. It's a long
e-mail file though. About 50 Kbytes.

=====
7.3 de Michael AA0UB miker@cc.com michael@frii.com
 http://www.frii.com/~michael
 QRP-L #126 Norcal #857 CQC #180
=====

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Dr. Art Epstein" <ArtEpstein@wnis.com>
Subject: [3301] Vanity Callsign Question
Message-ID: <199608282120.RAA16838@wnis.com>

I seem to recall someone posting a message about having their vanity
callsign application returned because it was sent in too early. I
wonder how sensitive the FCC is to early submissions and if arrival
at the PO Box is the criteria for "arrival"? I'd like to send my
application in on Saturday but I'm concerned that if it arrives at
the PO on Sun it will be rejected. Any info appreciated. Thanks...
Art WB2WMJ

=====
Arthur B. Epstein, OD
ArtEpstein@wnis.com
Directing Editor, Optometric Management ArtEpstein@aol.com
Director, Contact Lens Service, North Shore University Hospital
North Shore Contact Lens Associates, P.C. - Roslyn, NY 516-627-4090
Ophthalmic Consultants of Long Island - Rockville Centre, NY 516-766-2519
=====

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: lve1@inel.gov (Larry V East)
Subject: [3285] RE: Autek RF-1 batteries
Message-ID: <2.2.16.19960828173820.406f7cb8@134.20.173.29>

>Everyone, my Autek rf-1 analyzer seems to go through
>9 v. batteries REALLY QUICKLY. Is this a common condition?
>I'm pretty sure that the unit is shut off when I leave
>it....is there something going on here that I'm not aware
>of???

>

If your RF-1 "eats batteries", there is a simple mod consisting of cutting
off a little bit of a connector pin that will cure the problem. I'll try to
find it at home tonight and post it.

Of course, it also helps to make sure the switch is OFF when stored as

pointed out by someone else... :-)

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: ka0yos@arn.net
Subject: [3267] Re: Balloon antennas
Message-ID: <199608280434.XAA01067@arnet.arn.net>

At 08:38 AM 8/27/96 MDT, Mike Robinson wrote:

>

>The real problem is with the helium. If you've
>ever seen some party balloons the day after,
>you'll know that some balloons don't hold
>helium very well. Something about the porosity
>of the rubber vs. the size of the helium molecule.

>

>I've also seen some balloons react with the helium
>and break down. One I had, popped and the inside
>was sticky and mushy.

>

Helium will diffuse through most balloons eventually. Helium is the
ultimate in Noble gasses. Impurities may have reacted with the balloon, but
I'm quite sure the Helium did not!

Your balloon deal sounded great! I wish I would stumble on to something
like that here. When you raise your antenna do you just use the wire or do
you also run some string to tether the balloon?

72,
Joe
ka0yos

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Richard D. Richmond" <richmord@aa.wpafb.af.mil>
Subject: [3271] Re: Ben Franklin .. Balloons ...
Message-ID: <960828083758.619@ethel.aa.wpafb.af.mil.0>

Mike, AA0UB was on the right track with his message, but atmospheric potential
is 300 volts per meter. NOT 300 volts per 100'. At 100' (approx 30 meters)
the difference is 30*300 or 10,000 volts. All the more reason to be very
careful with long wire vertical antennas.

Rich Richmond, N4AFX

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: jgann@mindspring.com (Alvin G. Gann)
Subject: [3299] Re: CALL TRIVIA
Message-ID: <199608282016.QAA24305@borg.mindspring.com>

.....
> I've always been very interested in the call system
> and how they're issued.
>
> When was the last time the FCC issued vanity calls? I
> seem to remember a friend saying he "bought" his 2x1
> call in the early to mid-70's. Is this correct? Was
> that the last and only time they did this?
>

.....
Dave et. al.

I got my 1x2 in 1977 in a series of gates depending on how long you had been an Extra licensee. The 2x1's were first issued about 1979 after the workload on the FCC issuing calls on demand exceeded their resources. Before the 1977 opening of pick-your-own, the FCC had informally responded to requests of OT and other renowned hams for special calls but they had never officially issued calls on demand before. Until the change in 1979 they had never issued 2x1 or calls for the AAn-ALn or N blocks. (BTW, I share some of the blame for 2x1 calls since I mentioned them and estimated the numbers of calls available in a filing to the FCC concerning their planned change in procedure.)

The friend in question may have gotten his 2x1 in early 80's but not in the early 70's and then not by special request, unless he knew someone in the FCC.

I don't remember the exact dates of the changes to offer calls on demand or the change to the current sequential system, but it was only a short period that you could request "vanity" calls, so if you want one, I'd say grab it while you can.

GL 72 --Jerry W1UI

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: rhigh@PRIMENET.COM (Roger Hightower)

Subject: [3312] Re: CALL TRIVIA
Message-ID: <199608290207.TAA09346@primenet.com>

At 12:47 PM 8/28/96 CST, David Kreinberg wrote:

>
> Folks:
>(snip)
>
> When was the last time the FCC issued vanity calls? I
> seem to remember a friend saying he "bought" his 2x1
> call in the early to mid-70's. Is this correct? Was
> that the last and only time they did this?
>

Look back to sometime in the Spring of 1996...Believe it was around March or April.

Anyway, QST had an article about the "history" of callsigns, and I think they discussed it there. Interesting to read, anyway.

I'd look, but they're all boxed up in random order in a 120 deg. garage, :-).

72/73, de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Bill C." <wrc@tir.com>
Subject: [3292] Re: Convert
Message-ID: <3224C4BE.6BF9@tir.com>

Dave,

When I started I had qrp only. My first antennas were no better than you can erect in your apartment. I worked a great plenty of qso's!! You will find more effiecient/effective antennas over time and you will do even better! I remember when I upgraded from novice to advanced and dragged my tired body home from the FCC field office in Detroit. I connected the mic for the first time and got on my 10 meter dipole (3 feet above my mobile home roof). With 2 watts PEP I contacted a fellow in Florida and after he ran his brag list about his 1.5 KW rig and 500 element beam on a 200 foot tower I reported my puny status. I heard a loud clunk when his vox was opened as his teeth fell out on his desk (evil grin).

GO FOR IT!!

73 and best of luck.

Bill KU8H

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [3293] Re: Convert
Message-ID: <Pine.SUN.3.91.960828132715.1691A-100000@kitsune.swcp.com>

Dave, here is an idea for a antenna . You say you are on the 5th floor which is great. The antennas that came to mind is a half wave wire drooped down from the end of about a ten foot pole that is dangled out the window or balcony. Say you were interested in 20m. Make the long wire that hangs down vertically about 37 ft. Cut another wire about 16.5 ft. This is your counterpoise wire. Feed the two in the middle and use your tuner and you got a hot ant. for 20 and will work on the other bands a well, with the exception of 80. Good luck and 72. Let me know if you try it. Tom WB5QYT On Wed, 28 Aug 1996, Dave Bennett wrote:

> Hello All,
>
> An open message from a fickle HAM. I got my ticket almost 10 years ago.
> At the time I needed a Tech level to do the things I wanted to do. I
> believe that equates to Tech+ now. Anyway I cussed and swore and eeked
> my way through 5 words a minute code and passed. I clearly remember the
> minute I passed that code test; I swore a solemn oath to never in my
> lifetime send or receive a single dit of information using such an
> archaic technology. Famous last words.....
>
> I have always lived in apartments and Condos and so surmised that HF was
> never a real option anyway. Lo and behold of late I have become
> intrigued with the concept of QRP and the simplicity and elegance of
> code. I even downloaded a code practice app and was amazed at how much
> I remembered and how quickly I was able send and receive 5 words a
> minute again.
>
> Now my goal is to build a very simple QRP rig such as the 49er and
> operate it with a straight key and conduct QSO's from my 5th floor
> condo. This is where I could really use some feedback from the QRP
> audience. Give it to me straight. Am I dreaming? Can I really expect to
> produce any kind of satisfying results from the double whammy of very
> low power and the limited antenna options? I would love to think so, my
> computer QSO's just aren't as rewarding anymore :>
>
> I would appreciate any comments pro or con. Especially suggestions for
> overcoming the antenna dilemma.

>
> Thanks,
>
> Dave
>
>

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Bob Hirsch" <bobh@p3.net>
Subject: [3302] Re: Convert
Message-ID: <199608282127.RAA19783@p3.net>

> Am I dreaming? Can I really expect to
> produce any kind of satisfying results from the double whammy of very
> low power and the limited antenna options? I would love to think so, my
> computer QSO's just aren't as rewarding anymore :>
>
> I would appreciate any comments pro or con. Especially suggestions for
> overcoming the antenna dilemma.
>

Hi Dave --

Dreaming? Not at all.

Here's some ideas:

- 1.) How about a regular dipole with one leg hanging out the window or balcony and the other leg inside as the "image side"?
- 2.) How about a mobile HF antenna, either indoors or on the balcony? Remember the only thing with these is that they are short so they have little radiation resistance. Just make sure you're ground is good so you have low ohmic loss to keep the efficiency ratio up where it ought to be. Lay some counterpoise wires on the floor or under the rug or use an artificial ground and tune the counterpoise.
- 3.) How about a half square antenna. You can put it upside down and run the horizontal phasing wire under the carpet and put the two verticals up the walls. Just try not to put them directly over electrical wires running just on the other side of the sheetrock.
- 4.) What about an indoor small loop, like the ones from Palamar or MFJ. They are about 3 feet in diameter, I think. You could keep in a closet.

5.) Ever hear of TENNA TAPE? It's being advertised in the mags lately, QST and CQ. It's 1/2" copper tape. You could make into a regular dipole, stick it to the walls and paint right over it. The ultimate in invisible antennas.

Just some thoughts..

Remember the GOOD part of your QTH. You are already 50 or 60 feet up!

Almost anything will radiate. Maybe a dipole from thin wire under the base moldings with flat ladder line to a tuner. Make is as long as you can, it doesn't have to be straight. Then you call it a Lew McCoy dipole.

=====

73 de Bob, AA30N

No Code, No HF....Know Code, Know HF!

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [3311] Re: Convert
Message-ID: <199608290150.SAA16827@sierra.psnw.com>

Dave,

You wrote the following:

>Can I really expect to produce any kind of satisfying results from
>the double whammy of very low power and the limited antenna options?

The answer is YES, you can. I'd like to suggest you get your 40-9er up and running along with the best antenna you can put up in your condo. Then, set up a schedule with a local or two in order to familiarize yourself with the proper operation of the rig. From there, call every strong signal you can find and you'll make contacts. You won't work everyone you hear but you'll work plenty of stations.

=====

Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com

=====

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [3282] Re: Crystal filter programs?
Message-ID: <Pine.LNX.3.91.960828093440.7303C-100000@dt1.datatamers.com>

Randy,

Yes, there are. The software that comes with "Introduction to Radio Frequency Design" by Wes Hayward contains such programs along with others of use to QRP designers. I have used them with very good results. The book is available from ARRL.
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3268] Re: Ferric Chloride.
Message-ID: <Pine.SUN.3.90.960827221007.16921B@vortex.sage.dri.edu>

On Tue, 27 Aug 1996, Frank G3YCC wrote:

> You haven't had that bother? You are either (a) lucky (b) not doing your
> own PCB's (c)not married, or any combination of the three.

Geee Frank,

Over here we have our wives trained to handle things like that.... :-)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Ken Hanks <kenkd1xs@webconn.net>
Subject: [3296] Re: HAM4** Prefix ?
Message-ID: <199608281956.PAA17861@rabbit.webconn.net>

At 01:23 AM 8/28/96 -0500, rwcreekm@ncsa.uiuc.edu wrote:

>Worked a station last night on 30M with HAM4 prefix. What is the origin of
>this call??

>

>72 Bill KG2DP

HAM4+++ is from Hungary. I think it is some kind of special prefix.

Ken KD1XS

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996

From: Philip Karras <ke3fl@access.digex.net>

Subject: [3274] RE: Homebrew paddles

Message-ID: <Pine.SUN.3.94.960828093542.24191A-100000@access1.digex.net>

I built mine with some brass shim stock, and scrap plexiglass.
Total cost: \$2.00 (Oh yes, I did need 4 4-40 screws, some wire,
and plexiglass "glue" (actually a solvent.)

I cut the shim stock into two strips 1.5" long by 1/4" wide,
rounded the edges so they wouldn't cut me. Drilled a hole in one
end of each strip (these are the paddles.) Then I placed the two
plexiglass pieces perpendicular to each other. The base is about
4" X 8" and the vertical piece is about 3" X 3". The brass
strips were mounted to the vertical piece at a height that I
liked and two screws were placed directly under the un-mounted
ends of the strips. The strips are bent up a bit so they don't
touch the screws. Wires are attached to the two screws and the
same wires to each paddle. That's it, it took about 30 min to
make and as I said cost under \$2.00. Works great & the price is
right! I use it with my Yaesu FT-757 GX II since it has a built
in keyer. It has a real light touch, very nice & relaxing. Been
using it for about three years now with no problems.

72 & 73 de KE3FL/Phil

: -)

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996

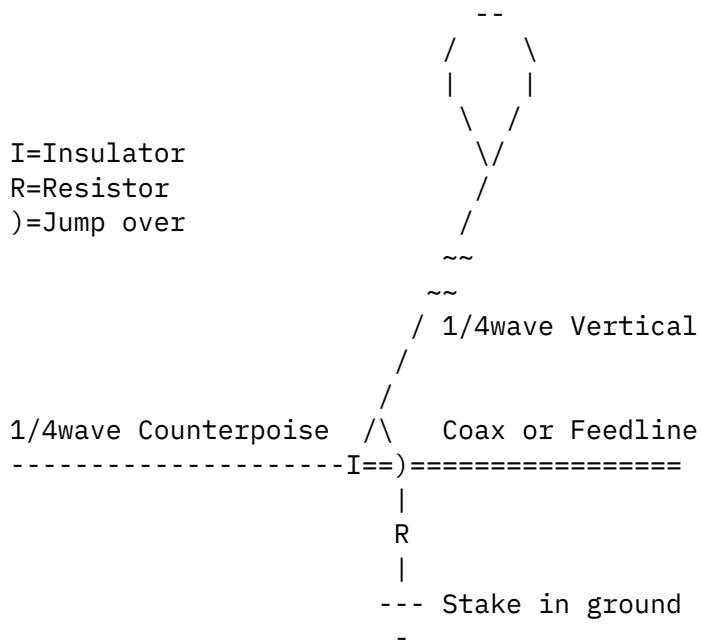
From: Mike Robinson <miker@cc.com>

Subject: [3276] Re: Kites, Balloons and Antennas!

Message-ID: <9608281459.AA02374@voder.nsc.com>

How's this for discharging any static build-up
while using a balloon raised wire:

I=Insulator
R=Resistor
)=Jump over



Where the vertical leg approaches the insulator point,
tie in a 1K resistor to a metal stake into the ground.
The resistor will bleed off static charge without
affecting the transmission. You can also use the
stake as the anchor for the insulator. If the tie
into the vertical is strong enough you won't need
to anchor the insulator.

Make sure the wire won't break and let go!!!

```

=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====

```

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Jim Cadorett/US/3Com <Jim_Cadorett@3mail.3Com.COM>
Subject: [3289] Re: QRP-L digest 461
Message-ID: <9608281828.AA8317@hqsmtp2.ops.3com.com>

Would someone please resend me QRP-L digest # 461. I accidentally deleted it.
Thanks.

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3291] Re: Slinky Antenna info
Message-ID: <Pine.SUN.3.90.960828115308.18655B-100000@vortex.sage.dri.edu>

Hi All,

I have never used a Slinky antenna but have always thought
the way to do it would be to put a rope inside the Slinky. One
for each side. The that to the center feedline support.

Mount the antenna as best you can from each end and middle.
Then pull the ends of the Slinky's out with a little cord
until you have a match!

No tuner needed, just something like the swr light that Larry
East put into his little rig.

Just an idea...

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: jgann@mindspring.com (Alvin G. Gann)
Subject: [3298] Re: Slinky Antenna info
Message-ID: <199608282016.QAA24246@borg.mindspring.com>

.....
>
>Perhaps taking Jerry's, W1UI, idea we could add some wire to the
>ends and use this wire to shorten the antenna for each band below
>80 meters and extend it fully for 80 meters, and not need a tuner?

.....

Phil et. al.

I don't recommend adding wire to extend the "big" slinky to 80 m. The slinky is not really a dipole. It is a "normal mode helical" antenna as described by John Kraus, W8JK, the inventor of the helical antenna on pp. 179-182 of his Antennas McGraw-Hill 1950. I recommend putting two big slinkys on each side of the dipole for 80 m.

I found that using the entire length of the slinky extended to a total of 24' tuned to the center of 40 m. and using half the turns (lump the rest together at the far ends) extended a total of 12' tuned 20 m. BTW I found that a total length of 12' in two small slinkys tuned 20 m. using all the turns. Perhaps LB can give us all the theoretical basis of all this. I generally go on empirical evidence in antennas and the big slinky antenna I built has some good DX to show for it. No tuner is needed with the big slinky antenna. I checked the VSWR over both 40 and 20 using a Swan SWR meter and found it to be between 1.1:1 - 1.8:1 on both 40 and 20. In both cases, I tweaked it for the CW end and the top portion went above 1.5, but who cares?

I haven't tuned the big slinky for 30 m. but plan to someday RSN. I also am looking for two more small slinkys to see if that doesn't hit 40 m. at 24' for the small slinky (QRP) antenna. QRP only in that it is smaller. I believe that it should work FB with 50 or 100 w. of RF if a QRO op used it.

Good luck. 72 --Jerry W1UI

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: Vic Simpson <vsimpson@boco.demon.co.uk>
Subject: [3305] Re: Slinky Antenna info
Message-ID: <xUbvaHAPNMJyEwfU@boco.demon.co.uk>

In message <Pine.SUN.3.94.960828134146.5117A-1000000@access1.digex.net>, Philip Karras <ke3fl@access.digex.net> writes
>I found "the original SLINKY" at the Cracker Barrel, that's a
>store/resteraunt here in the southern and eastern half of the US.

I once survived a full Slinky spronnnnnnggggg!!!! Ooohh, UGLY.

I survived. The Slinky did not. Even snipe nosed pliers and some virtuoso wrist manoevers failed to untie *that* knot.

You heard it here first.

73 de G0BVZ, Vic

RSGB G-QRP AGCW ARCI(When I remember to renew!) SCAG DIG

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: jgann@mindspring.com (Alvin G. Gann)
Subject: [3294] Re: Slinky dipole
Message-ID: <199608281934.PAA23466@borg.mindspring.com>

>Hi Gang,

>

>I found some of the small diameter (QRP) metal slinkys at the local Cracker
>Barrel resaurant. I believe they were about \$3 each. Haven't built the
>antenna yet, but it's on the "to do" list. BTW, the HF station operating at
>Dayton was using a slinky dipole.

>

Bob et. al.

I built a quick and dirty slinky antenna using two of the small diameter
slinkys (QRP spirit and all) and found that it will only go down to 20 m.
extended to its natural limit. I'm looking for two more to add on to see if
that won't get me to
40 m. Meanwhile, two of the big diameter slinkys will tune 40 m. and
shorter. I'm hoping that two small diameter slinkys soldered together will
hit 40 and shorter. Thanks to Bob, I'll try to check my local Cracker Barrel
since I've not found them at the local discount stores, etc. I don't
remember where I picked up the two but it was years ago and I only actually
hooked them up to a feed line this year. Good luck. I really had good
success with the large slinky dipole that I built.

72 --Jerry W1UI

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: "Barry L. Eure" <ks4rt@cris.com>
Subject: [3309] Re: Sun's poles flip?
Message-ID: <3224985B.6755@concentric.net>

Mike Robinson wrote:

>

> This may or may not be directly related to QRP.

>

> There is a rumor that the sun is going to flip

> it's poles over the next 4 years.Last "polarity flip" was in Aug 95, I believe 8
Aug 1995 for newest solar
cycle, i.e. September 1995 QST

Barry

From owner-qrp-1@Lehigh.EDU Wed Aug 28 23:25:04 1996
From: ori@HEA.COM (Ori Mizrahi-Shalom)
Subject: [3308] Re: TEN TEC SCOUT
Message-ID: <199608290050.RAA03577@salmon.heava.com>

I had this rig for 3 months on loan from a (very) good friend.
My conclusions were that it will make a nice mobile rig. It's very simple to operate and all the shortcomings are not that important in a mobile service.

What shortcomings:

1. VFO drift - the microprocessor corrects minor shifts in frequency. The problem is when you use the processor for other things - like changing the keyer speed. I've seen a few hundred Hz of sudden shift in some cases.
2. Digital noise - shielding isn't that great, as admitted by the very nice guys at tech support.
3. The mute circuit didn't work on sideband. I was getting clipped audio in the headphones during TX. A review of the schematics showed a "reversed" mute transistor (close to the audio gain). Tech support said that it was fixed in production but it didn't sound like it was.

What I liked about it:

1. Takes very little space.
 2. Variable filter is surprisingly effective - almost like a decent IF shift circuit.
 4. Effective optional noise blanker.
 4. It works great for casual rag chewing.
 5. Where else would you find a radio that opening the case will NOT void the warranty?!
- Tech support encouraged me to change the mute circuit! but... access to that board is not that trivial, and the radio wasn't mine...
6. It's built very rugged, no cheap manufacturing here.

As for Tec Tec, I have only good words to say. Very friendly and tech support people, that actually used the Scout and knew what they were talking about. As they said, this unit is a "low end". There is no intent of improving it or changing the design.

I had lots of fun with the Scout, but given one choice for \$550+options, I will consider other alternatives. Lots of good used radios out there!
My two cents...

ORI